

# Rivka Gilat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9417176/publications.pdf>

Version: 2024-02-01

9  
papers

169  
citations

1478505  
6  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bistability criterion for electrostatically actuated initially curved micro plates. International Journal of Engineering Science, 2018, 130, 75-92.	5.0	45
2	Bistable behavior of electrostatically actuated initially curved micro plate. Sensors and Actuators A: Physical, 2016, 248, 193-198.	4.1	41
3	Experimental dynamic trapping of electrostatically actuated bistable micro-beams. Applied Physics Letters, 2016, 108, .	3.3	28
4	Modeling strategies of electrostatically actuated initially curved bistable micro plates. International Journal of Solids and Structures, 2017, 118-119, 1-13.	2.7	24
5	Behavior of Elastoplastic Auxetic Microstructural Arrays. Materials, 2013, 6, 726-737.	2.9	14
6	Two-Directional Operation of Bistable Latchable Micro Switch Actuated by a Single Electrode. Proceedings (mdpi), 2017, 1, 277.	0.2	6
7	Open-loop, self-excitation in a bistable micromechanical beam actuated by a DC electrostatic load. , 2017, , .		5
8	Enhanced Efficiency of Electrostatically Actuated Bistable Microswitches Using Bow-Like Operation. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2409-2415.	5.8	4
9	Natural Frequencies and Modes of Electrostatically Actuated Curved Bell-Shaped Microplates. Applied Sciences (Switzerland), 2022, 12, 2704.	2.5	2